UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/613,751	07/03/2003	Srikumar Chari	50325-0782	5654

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HICKMAN PALERMO TRUONG & BECKER, LLP
2055 GATEWAY PLACE
SUITE 550
SAN JOSE, CA 95110

EXAMINER
ISMAIL, SHAWKI SAIF

ART UNIT	PAPER NUMBER
2155	

MAIL DATE	DELIVERY MODE
09/14/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

PTOL-90A (Rev. 04/07)

	Application No.	Applicant(s)
Office Action Summary	10/613,751	CHARI SRIKUMAR
	Examiner	Art Unit	.
	Shawki S. Ismail	2155	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on *21 June 2007*.

2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-65* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-65* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application

6)☐ Other: _____.

DETAILED OFFICE ACTION

1.   This communication is responsive to the amendment received on June 21, 2007.

Claims 1, 12, 21, 32, 43, 54 and 65 have been amended

Claims 1-65 are presented for examination.

The New Grounds of Rejection

Applicant's amendment and arguments received on June 21, 2007 have been fully

considered, however they are deemed to be moot in view of the new grounds of

rejection.

Claim Rejections - 35 USC §102

2.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3.   Claims 1-65, are rejected under 35 U.S.C. 102(b) as being anticipated by

Hamilton **et al.,** (Hamilton) U.S. Patent No. **5,852,722.**

4.   As to claim 1, Hamilton teaches a method of automatically generating a

configuration for a network device, the method comprising the computer-implemented

steps of:

receiving a partial configuration for a network device, wherein the partial

configuration comprises a plurality of configuration commands, wherein each of one or

more of the configuration commands is associated with one of a plurality of user

interface elements (col. 5, lines 1-19);

parsing the partial configuration to identify the user interface elements (col. 5,

lines 1-19);

generating a user interface page based on the user interface elements (col. 5,

lines 14-35;

receiving one or more configuration parameter values via the user interface page

(col. 5, lines 36-67); and

substituting the configuration parameter values into the partial configuration to

result in creating a complete configuration for the device (col. 5, lines 36-67);

wherein the [partial configuration is at least partially customized with one or more

configuration parameter values specific to a network service provider prior to shipment

of the network device to a user (col. 4, lines 1-22 and col. 5, lines 36-67).

5.   As to claim 2, Hamilton teaches a method as recited in Claim 1, wherein the

partial configuration is stored in non- volatile memory of the network device prior to

shipment of the network device to a user (col. 3, lines 44-55).

6.   As to claim 3, Hamilton teaches a method as recited in Claim 1, wherein the

partial configuration comprises an electronic configuration template that is stored in non-

volatile memory of the network device prior to shipment of the network device from a

service provider or vendor to a user (col. 3, lines 44-55).

7.   As to claim 4, Hamilton teaches a method as recited in Claim 1, wherein the

network device comprises a customer premises equipment (CPE) device (col. 3, lines

44-55).

8.   As to claim 5, Hamilton teaches a method as recited in Claim 1, wherein each of

the user interface elements comprises a data variable name, a user interface string

value, and a data type value (col. 3, lines 35-67).

9.   As to claim 6, Hamilton teaches a method as recited in Claim 5, wherein the user

interface string value comprises a sequence of characters for display in the user

interface page as part of a prompt for entering   an associated configuration parameter

value (col. 3, lines 35-67).

10.   As to claim 7, Hamilton teaches a method as recited in Claim 5, wherein the data

type value specifies a data type associated with the user interface element for use in

determining validity of the received configuration parameter values (col. 3, lines 35-67).

11.   As to claim 8, Hamilton teaches a method as recited in Claim 7, wherein the data

type value is selected from among a set consisting of IP address, subnet mask, dial

pattern, virtual channel identifier, virtual path identifier, username, password, gateway,

hostname, group name, group key, and peer IP address (col. 3, lines 35-67).

12.   As to claim 9, Hamilton teaches a method as recited in Claim 1, wherein the

partial configuration further comprises one or more dynamic tags that are not associated

with user interface elements, and wherein the method further comprises the steps of:

parsing the partial configuration to identify the dynamic tags; substituting a configuration

parameter value for each of the dynamic tags as part of the complete configuration (col. 3, lines 35-67).

13.   As to claim 10, Hamilton teaches a method as recited in Claim 1, wherein each of the user interface elements comprises a user interface string value, and wherein the step of generating a user interface page comprises the steps of:

generating an electronic document that is displayable by an end user computer system that is communicatively coupled to the network device, wherein the electronic document includes the user interface string value; and causing the network device to display the electronic document using the end user computer system (col. 4, lines 1-22)

14.   As to claim 11, Hamilton teaches a method as recited in Claim 1, wherein each of the user interface elements comprises a data variable name, a user interface string value, and a data type value, and wherein the method further comprises the steps of:

generating an electronic document that is displayable by an end user computer system that is communicatively coupled to the network device, wherein the electronic document includes the user interface string value (col. 4, lines 1-22 and col. 5, lines 36-67);

causing the network device to display the electronic document using the end user computer system (col. 4, lines 1-22 and col. 5, lines 36-67);

associating one of the configuration parameter values with the data variable name (col. 4, lines 1-22 and col. 5, lines 36-67); and

determining whether a data type of the one of the configuration parameter values matches the data type value (col. 4, lines 1-22 and col. 5, lines 36-67)

15.   Claims 12-65 do not teach or define any new limitation above claims 1-11;

therefore, they are rejected for similar reasons.

16.   Examiner has cited particular columns and line numbers in the references as

applied to the claims above for the convenience of the applicant. Although the specified

citations are representative of the teachings of the art and are applied to the specific

limitations within the individual claim, other passages and figures may apply as well. It is

respectfully requested from the applicant in preparing responses, to fully consider the

references in its entirety as potentially teaching of all or part of the claimed invention, as

well as the context of the passage as taught by the prior art or disclosed by the

examiner.

Response to Arguments

17.   Applicant's arguments have been fully considered, however they are deemed to

be moot in view of the new grounds of rejection.

        Applicant's amendment necessitated the new ground(s) of rejection presented in

this Office action. Accordingly, **THIS ACTION IS MADE FINAL.** See MPEP

§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37

CFR 1.136(a).

        A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the date of this final action.

Contact Information

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Shawki S Ismail whose telephone number is 571-272-

3985. The examiner can normally be reached on M-F 8:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Saleh Najjar can be reached at 571-272-4006. The fax phone number for

the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

Shawki Ismail
Patent Examiner
September 4, 2007

SUPERVISORY PATENT EXAMINER
SALEH NAJJAR